Optimizing Usage of Kidney Offer Filters

OPTN Operations and Safety Committee

Overview: What are Offer Filters?

- The offer filters tool allows transplant programs to apply program-specific, multi-factorial filters to bypass donor offers that they do not want to receive (currently voluntary)

Purpose of Proposal

- Develop a more broadly utilized offer filter model that will create multi-factorial offer filters to filter off organ offers more precisely

- Follow-up to *Optimizing Usage of Kidney Offer Filters Concept Paper* (Aug 2022)

Proposal

- Outlines the default offer filter model

- Details exclusion criteria within the model

- Includes new data field for candidate exclusions

- Provides potential future outlook in mandatory filter usage

Rationale

- Feedback from the concept paper *Optimizing Usage of Offer Filters* showed the community supported the default usage of offer filters

- Even with relatively low voluntary utilization among kidney transplant programs, the kidney non-utilization rate is lower in the post-offer filters era (26.7% pre-, 25.5% post-; p =.01)

- Programs who have activated offer filters have not experienced lower acceptance rates, but have experienced lower offer volume

Default Offer Filter Model

- Model-identified filters will automatically be enabled by default
  - Pediatric-alone programs will not have offer filters automatically enabled but may manually apply model-identified filters

- Kidney programs would need to "opt out"

- Programs will have the ability to modify or remove filters at any time

- New set of default filters will be generated every three months
  - Based on recent acceptance practices of kidney transplant program

Exclusion Criteria

- Automatic Exclusion Criteria

  - Calculated Panel Reactive Antibodies (CPRA) > 90%

  - 0 ABDR Mismatch

  - Candidate age < 18

  - Medically Urgent

- Additional Considerations

  - Offer filters cannot be applied to kidney match runs in which the donor is HIV positive

Data Collection

- Transplant programs will have the ability to specify if a candidate would be excluded from all offer filters

Proposed Data Element	Location	Format	Definition
Exclude this candidate from all offer filters?	OPTN Waiting List	Yes or No	This field determines whether a candidate is manually excluded from having offers filtered for them. This is set to "No" by default

Mandatory Filter Usage

- The default filter model is the first phase in a potential transition to a mandatory offer filters model

- Mandatory filters would remove a transplant program's ability to modify or remove model-identified filters

- The Committee will closely monitor the progress of the default filter model to help inform future offer filter policies

Member Actions

- Transplant hospitals will be required to become familiarized with the offer filters tool and periodically review, track, and manage offer filters

- OPOs may have small changes to the OPTN Donor Data and Matching System workflow that OPOs use when making kidney offer filters

What do you think?

- What educational considerations would be helpful for patients to understand processes related to offer filters?

- Is three months a sufficient re-evaluation period of the offer filters? If not, what timeframe would be most appropriate?

- Are there other automatic exclusions not mentioned that should be considered? Are there additional filters options not mentioned that should be considered?